

# Indiana Department of Homeland Security Midwest Search and Rescue Conference

## Course Listing September 24-27, 2009

### **Rope Operations:**

**Presented by Mark Phillips** from High Line Rescue will teach the course; Mark has been working with nationally recognized **Progressive Rescue Solutions, Inc.** and **American Safety and Rescue** since 1999. This course will begin with a classroom introduction to related equipment, knots and safety. The class will then move into the hands on portion, which will include work with anchoring, belaying, mechanical advantage systems, and lowering systems. The course will then move on to stokes basket rescues, discussing patient packaging, stokes rigging, and victim retrieval. We will do as many low and high angle as well as high line scenarios as time permits. **THIS CLASS INCLUDES MANY HANDS-ON EVOLUTIONS!!!!** This course **EXCEEDS NFPA 1670** practical skills for Operations Level Training.

Students will need to bring their own helmets, boots, and gloves. You should also bring any other personal gear that you already have, such as your rescue harness. HLR will provide all of the equipment that will be used, including harnesses should you not have one available to you.

### **Land Navigation:**

**Presented by Paul Marsters** this 2 day course covers the complete spectrum of Navigation, Practical and Didactic, from USGS topos, Maritime and Aeronautical Charts. Covered in depth is the UTM-MGRS, Universal Transverse Mercator-Military Grid Reference System. Along with in depth Latitude & Longitude as it applies to land, sea, Air. This course applies the knowledge learned in class with Intro, intermediate and advanced Practical exercises. From the entry level outdoor enthusiastic to the full-time or volunteer professional (Military, Police, Fire, EMS, SAR).

### **Edible & Medicinal Plants of the Eastern U.S.:**

**Presented by Dr Eric Banta**, This 2 day class will give the student working knowledge of edible and medicinal plants found in the eastern United States and how to identify them. This course will emphasize plants in the local area that can be utilized in a survival situation.

### **Cadaver Search Workshop:**

**Presented by Laura Totis** This 4-day workshop will help k9 handlers with alerting and problem solving. A multitude of problems will be set up and critiqued to help handlers improve their K9s performance.

### **Hazmat Awareness:**

**Presented by Steve Stackhouse** This 1 day course will cover basic and general knowledge on the following topic areas: These seven areas are identified in NFPA 1670 the information provided will be at an awareness level.

### **Introduction to GPS:**

**Presented by Paul Marters, Survival and Rescue Training and Consulting** This 2 day class will introduce the student to the use of Global Positioning Equipment. Students are encouraged to bring their own GPS units for field problems.

**Visual Tracking:**

**Presented by Dan Banta** This 2 day course will introduce the student to the art of finding, identifying, and following the evidence of a person's presence and their direction of travel.

**Introduction to Cave Rescue:**

**Presented by Jessica Deli, Cave rescue association** This 1 day introduction to cave rescue, will introduce students to safety issues, overview of cave rescue techniques and patient handling in the cave environment.

**SAR Legal Issues:**

**Presented by Billy Smith, Texas Job Corps k9 training** This 1 day class will discuss legal considerations and court testimony as it applies to k9 handlers.

**Intro to Mounted SAR:****Herbert Holding**

This 2 day session offers classroom and practical application and administration of Mounted formations, drills, search formations, desensitization to noise, movement and environmental factors. Course will offer insight on basic principals of developing and maintaining a mounted search program. Students are welcome and encouraged to bring their horses, but not a requirement of the course. Student will be responsible for their horse's equipment and housing needs during this session. Horse facilities are available through Hoosier Horse Park, Johnson County Parks and Recreation <http://www.jcpark.org/hhp> office 812-6809 *If traveling from outside of Indiana bring proof of Negative Coggins test.*

**K9 Tracking/Trailing:****Kathy Hobart**

This 4-day workshop will help k9 handlers with alerting, line handling and problem solving. A multitude of problems will be set up and critiqued to help handlers improve their K9s performance.

**ICS 300:****Mike Brandt, Henry County EMA SAR team,**

The Intermediate ICS for Expanding Incidents course provides training on and resources for personnel who require advanced application of the ICS. The course expands upon information covered in the ICS-100 and ICS-200 courses. This course is designed for persons serving as command staff, section chiefs, strike team leaders, task force leaders, unit leaders, division/group supervisors, branch directors, and multi-agency coordination system/emergency operations center staff

**Prerequisites:**

All of the following are required:

- IS-700: Introduction to NIMS
- ICS-100: Introduction to ICS
- ICS-200: Basic ICS

**New Technology in Search and Rescue:****Dr. David Wild, Steve Wallace, John Poleman, Kevin Ratcliff from Argus Canine Search and Rescue**

This course will consist of five hours of classroom instruction on the issues of computer and related technology in Search and Rescue operations. Course topics will include computer usage in SAR, radio communication, GIS and mapping, GPS integration, search management software, and more. Participants should have a basic knowledge of computers, but no other prerequisites are required. Participants do not need to bring laptops.

**HAZMAT Awareness:****Steve Stackhouse, Kokomo fire**

This 1 day session is for people who are likely to witness or discover a hazardous materials release and initiate an emergency response sequence. This class will give the student the an understanding of what hazardous materials are, and the risks associated with them in an incident, understanding of the potential outcomes associated with an emergency created when hazardous materials are present, the ability to recognize the presence of hazardous materials in an emergency, The ability to identify the hazardous materials, if possible. The student will be taught how to use the U.S. Department of Transportation's emergency response guidebook.

**HAZMAT Operations:****Steve Stackhouse, Kokomo fire**

This 3 day course provides the student with the basic skills necessary to safely and effectively manage the on-scene operations involving the uncontrolled release of dangerous chemicals. As such, it focuses on those individuals in local jurisdictions who respond to releases or potential releases of hazardous substances as part of the initial response to the site for the purpose of protecting nearby persons, property, or the environment from the effects of the release. They are trained to respond in a defensive fashion without actually trying to stop the release. Their function is to contain the release from a safe distance, keep it from spreading, and prevent exposures.

Prerequisite: *Must have Hazmat Awareness certification prior to taking class.*

**SAR Exercise:****Nelson White, Henry County EMA SAR**

This 1 day training session is designed to put the searchers skills to practical use. The day will start with classes on leadership and recruitment and retention of volunteers. Following these classes will be a scenario based drill which will incorporate multiple SAR disciplines in the task of locating a missing individual or individuals following the LAST (**L**ocate, **A**ccess, **S**tabilize and **T**ransport) principles. Students should be prepared to be in the field (bring SAR field equipment). Students not prepared to be in the field will be assigned duties in the Incident command post.

**Wilderness First Aid:****Gary Brockman, Civil Air Patrol**

This 4 Day session is for those who are involved in serious wilderness activities. This course is the choice of many wilderness trip leaders and guides. Course training includes Patient assessment, Hypothermia, Frostbite, Dressing for survival, Going to high altitude, Heat illness, Water disinfection, Wilderness nutrition & protecting your food, Sunburn & Sun protection, Lightning, Bugs, snakes & bears, Hazardous plants, Medical emergencies in the wilderness, Wilderness wound care, Bandaging (classic & improvised), Bone & joint injuries, Splinting - how to improvise, Head & spine injuries: assessment & decision making, Wilderness first aid kits. After successful completion of the course students will receive a wilderness first aid card issued though the American Safety and Health institute (ASHI).